

CLAIMS

What is claimed is:

1. An advanced navigation system for portable devices comprising:
an input component that receives user input, the input component comprising a pointing device;
a navigation component that facilitates navigating through content displayed on a portable device screen based in part on at least one of speed and location of the input component with respect to the content; and
a mapping component that smoothly transitions a current view to a new or previous view and orients the content and/or the view thereof within the portable device screen based in part on data received from the navigation component.
2. The system of claim 1, the current view comprising any one of an overview of the content, a zoomed in view of the content, and a zoomed out view of the content.
3. The system of claim 2, the mapping component overlays a semi-transparent overview of the content over at least a partially zoomed in view of the content to maintain or provide context and/or perspective of the content while transitioning from a current overview of the content to the zoomed in view of the content.
4. The system of claim 1, the pointing device comprises a stylus, a pen, a joystick, and a mouse.
5. The system of claim 1, the mapping component displays a less detailed view of the content underlying a faster-moving pointing device.
6. The system of claim 1, the mapping component displays a more detailed view of the content underlying a slower-moving pointing device.

7. The system of claim 1, further comprising a lens component integrated into the device screen that is maneuvered over the content in part by the input component.
8. The system of claim 7, the lens component provides an enlarged or zoomed in view of content underlying the lens component but does not substantially affect the view of other surrounding content displayed on the device screen.
9. The system of claim 1, the portable device comprising a PDA.
10. The system of claim 1, the content comprising document-based content, image-based content, map-based content, and calendars.
11. A method that facilitates advanced navigation of content on portable devices comprising:
 - dragging a pointing device across content displayed on a portable device screen;
 - orienting the content based at least in part on speed and location of the pointing device.
12. The method of claim 11, orienting the content in less detail when the speed of the pointing device increases.
13. The method of claim 11, orienting the content in greater detail when the speed of the pointing devices decreases.
14. The method of claim 11, further comprising superimposing a semi-transparent overview of the content over a more detailed view of some portion of the content while dragging the pointing device over some portion of the content.

15. The method of claim 14, the semi-transparent overview of the content displayed depends at least in part upon the location of the pointing device with respect to the content.
16. The method of claim 14, the semi-transparent overview of the content is a less-detailed view of the content.
17. The method of claim 11, orienting the content underlying the pointing device in greater detail without affecting other content a distance away from the pointing device.
18. The method of claim 17, the pointing device corresponding to a lens.
19. The method of claim 11, further comprising segmenting the content displayed on the portable device screen into at least two sub-segments for easier viewing.
20. A system that facilitates advanced navigation of content on portable devices comprising:
 - means for dragging a pointing device across content displayed on a portable device screen;
 - means for orienting the content based at least in part on speed and location of the pointing device.
21. The system of claim 20, means for orienting the content in less detail when the speed of the pointing device increases.
22. The system of claim 20, means for orienting the content in greater detail when the speed of the pointing devices decreases.

23. The system of claim 20, further comprising means for displaying a superimposed semi-transparent overview of the content over a more detailed view of some portion of the content based at least in part on the speed of the pointing device.

24. The method of claim 23, the overview of the content is a less-detailed view of the content.

25. A data packet adapted to be transmitted between two or more computer processes facilitating providing suggestions to an online user, the data packet comprising:

information associated with dragging a pointing device across content displayed on a portable device screen; orienting the content based at least in part on speed and location of the pointing device; and superimposing a semi-transparent overview of the content over a more detailed view of some portion of the content while dragging the pointing device over some portion of the content.

26. A computer-readable medium having stored thereon the following computer executable components of claim 1.